

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME <b>Iowa Prison Industries</b>		EMERGENCY TELEPHONE NO. <b>319-462-3547</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>406 North High St. Anamosa, Iowa 52205</b>		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS <b>Bright Arrow Scouring Powder</b>
CHEMICAL FAMILY <b>Cleaner</b>	FORMULA <b>NA Phosphate - Silicate - Surfactant</b>	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE <b>Not Applicable</b>			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H <sub>2</sub> O=1)	<b>1.00</b>
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	<b>Complete</b>	<b>PH</b>	<b>10</b>
APPEARANCE AND ODOR <b>White Powder</b>			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	<b>None</b>	FLAMMABLE LIMITS	<b>N/A</b>	LeI	UeI
EXTINGUISHING MEDIA					
SPECIAL FIRE FIGHTING PROCEDURES <b>NONE</b>					
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>NONE</b>					

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List*

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	N/A
EFFECTS OF OVEREXPOSURE	Dust may irritate Eyes
EMERGENCY AND FIRST AID PROCEDURES	
In the event of eye contact rinse with clean water. Consult a physician. In the event of prolong skin contact, rinse with water.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Sweep up and/or flush away.
WASTE DISPOSAL METHOD	
Trash container	

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type)			
Powder type			
VENTILATION	LOCAL EXHAUST	Satisfactory	
	MECHANICAL (General)		
PROTECTIVE GLOVES		EYE PROTECTION	
Optional		Optional safety glasses	
OTHER PROTECTIVE EQUIPMENT			

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Store in dry area.
OTHER PRECAUTIONS	